



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/522,746	01/26/2006	Bo Stenvall	10400-000139/US	9316
30593	7590	10/03/2008	EXAMINER	
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195			HERRING, BRENT W	
			ART UNIT	PAPER NUMBER
			3633	
			MAIL DATE	DELIVERY MODE
			10/03/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/522,746	STENVALL, BO	
	Examiner	Art Unit	
	BRENT W. HERRING	3633	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 08 July 2008.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 2-11 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 2-11 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 28 January 2005 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ . |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____. | 6) <input type="checkbox"/> Other: _____ . |

DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the serrated section of the anchoring member must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner,

the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

3. Claim 5 is objected to because of the following informalities: the intended meaning of "a length along the lateral edge of the sheet that exceeds the spacing between two juxtaposed insulating glass sheets," is unclear and not clarified as provided by the specification. In the instant case, "exceeds the spacing," is interpreted to mean "filling the space contained between two juxtaposed insulating glass sheets." Appropriate correction is required.

Claims are examined as best understood.

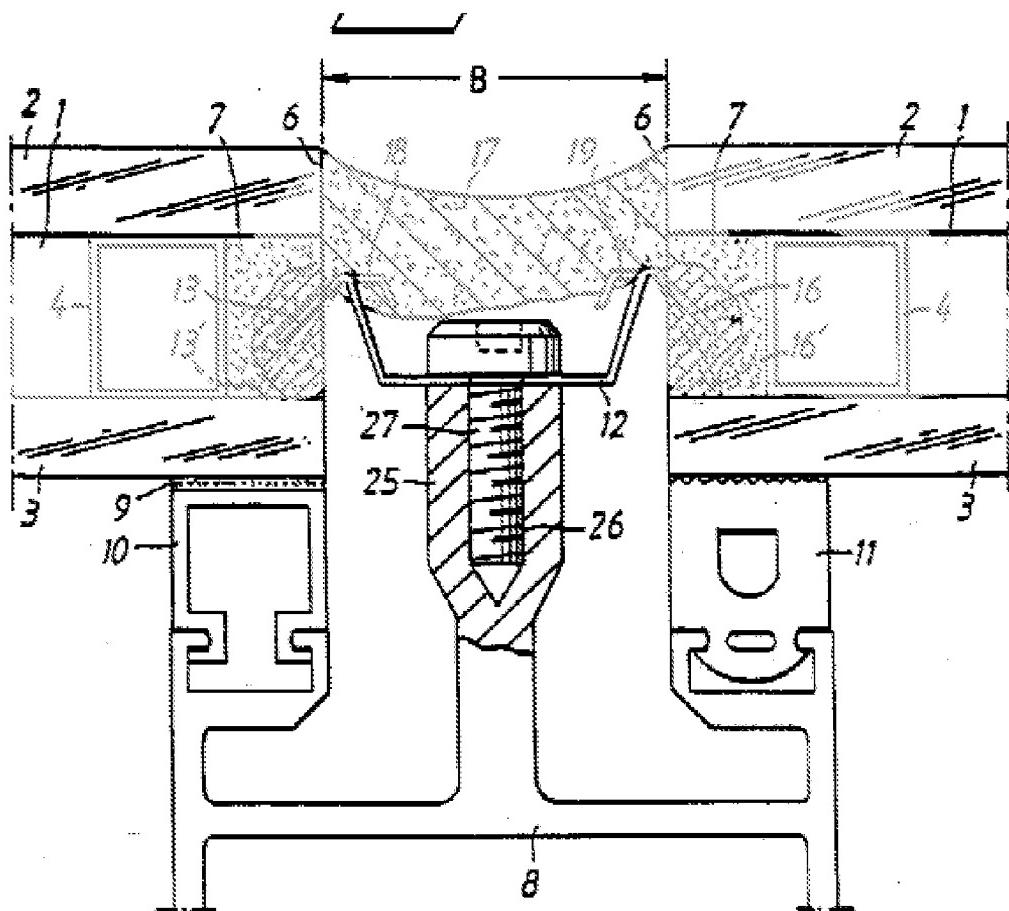
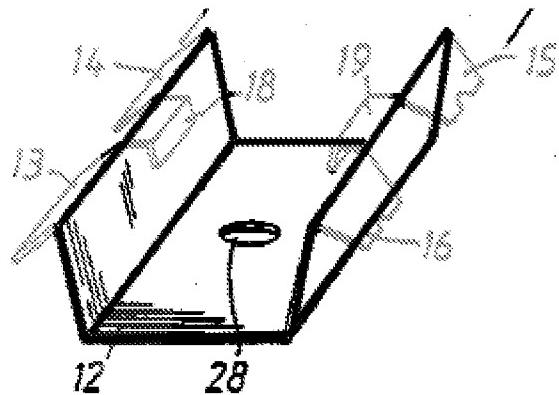
Claim Rejections - 35 USC § 102

4. Claims 2-5, 7-9, 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Jansson, US 5,493,831.

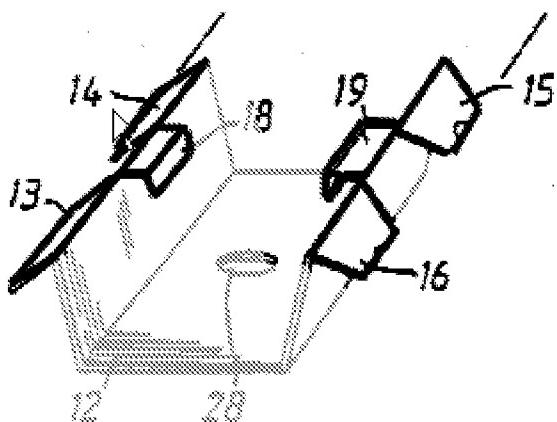
Regarding claim 11:

'831 discloses a device that is capable of being used in glass wall claddings capable of mounting insulating glass-sheets, each glass sheet having at least two glass slabs which are joined together by a jointing substance, said device comprising:

- a retainer member (12, 8, see modified Figs. 1, 2 below)



- an anchoring member (13-16, 18, 19, see modified Fig. 2, below)



Wherein said retainer member has an articulated connection to said anchoring member (see Figs. 3a, 3b, wherein there is a flexible joint between the portions), such that said anchoring member is rotatable from a first position (Fig. 3a) to a second position (see Fig. 3b), in said first position, said device, upon mounting of said insulating-glass sheet, allows the insulating glass sheet to be placed in a desired position, and in said second position, said device grips at least one glass slab of said insulating glass sheet, wherein a portion of the anchoring member, upon mounting of a sheet, is arranged to penetrate into said jointing substance of an insulating-glass sheet as the anchoring member of the device is guided from said first position to said second position, in response to the anchoring member being tilted to said second position.

Regarding claim 2:

'831 discloses claim 11, wherein said anchoring member comprises a second part (18, 19) arranged to travel in a groove formed in said retainer (the groove formed in 12, see Fig. 1).

Regarding claim 3:

'831 discloses claim 2, wherein said second part (18, 19), is joined to said first part by an interconnecting device (the fold crease between the retaining member portion 12 and the anchoring member).

Regarding claim 4:

'831 discloses claim 3, wherein said interconnection device is arranged to lock the device in said second position (see Fig. 1, wherein it is arranged to be locked in by jointing material 17).

Regarding claim 5:

'831 discloses claim 11, wherein said anchoring member part, which upon displacement penetrates into said joining substance, has a length along the lateral edge of the insulating-glass sheet that exceeds the spacing between two juxtaposed insulating glass sheets (see Figs. 1, 2).

Regarding claim 7:

'831 discloses claim 2, wherein said groove is undercut (see modified Figs. 2 above) and wherein said anchoring member is arranged for tilting movement about an axis adjacent and along the opening of said groove (see Fig. 2).

Regarding claim 8:

'831 discloses claim 11, wherein said anchoring member is formed with protruding and a spring-biased device (tab 18), said device, upon movement of said anchoring member from said first position to said second position, fitting in

Art Unit: 3633

said second position into recesses (channel opening) of complementary configuration formed on the retainer member

Regarding claim 9:

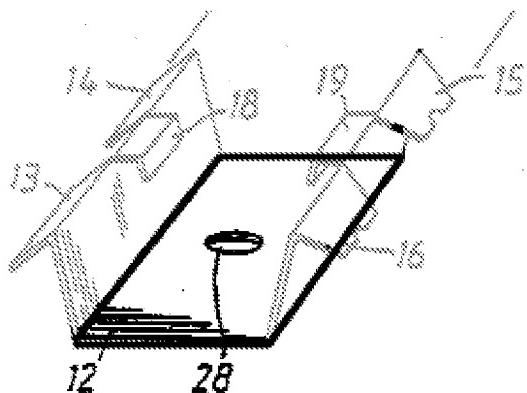
'831 discloses claim 11, wherein said retainer member is provided with resilient mouldings (11, see Fig. 1) arranged to abut against the insulating-glass sheets.

5. Claims 11 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Jansson ('831).

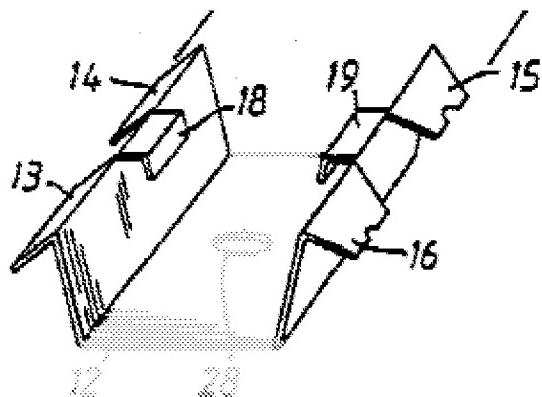
Regarding claim 11:

'831 discloses a device that is *capable of being used in glass wall claddings capable of mounting insulating glass-sheets, each glass sheet having at least two glass slabs which are joined together by a jointing substance*, said device comprising:

- a retainer member (12, 8, see modified Fig. 2 below)



- an anchoring member (13-16, 18, 19, see modified Fig. 2 below)



Wherein said retainer member has an articulated connection to said anchoring member (see Figs. 3a, 3b, wherein there is a flexible joint between the portions), such that said anchoring member is rotatable from a first position (Fig. 3a) to a second position (see Fig. 3b), in said first position, said device, upon mounting of said insulating-glass sheet, allows the insulating glass sheet to be placed in a desired position, and in said second position, said device grips at least one glass slab of said insulating glass sheet, wherein a portion of the anchoring member, upon mounting of a sheet, is arranged to penetrate into said jointing substance of an insulating-glass sheet as the anchoring member of the device is guided from said first position to said second position, in response to the anchoring member being tilted to said second position.

Regarding claim 10:

'831 discloses claim 11, wherein said anchoring member comprises a resilient portion (13-16, 13'-16') on the face of the anchoring member (12) that in use is turned towards the edge of the glass slab (3, see Fig. 1) for abutment of said portion against said edge.

Claim Rejections - 35 USC § 103

6. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jansson ('831) in view of Galbraith, US 4,766,709.

Regarding claim 6:

'831 discloses claim 5, but does not expressly disclose wherein said part of the anchoring member is serrated.

'709 discloses a device with a part of an anchoring member (142) that is serrated (see Fig. 9).

'831 and '709 are analogous art because they are from the same field of connecting double-paned adjacent windows.

At the time of the invention, it would have been obvious to a person of ordinary skill in anchor member serrations as taught by '709 with the anchoring member of '831.

The motivation to combine would have been to provide a firmer grip between the anchoring member and the paneling to impede unintended separation.

Response to Arguments

7. Applicant's arguments with respect to claims 2-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRENT W. HERRING whose telephone number is (571)270-3661. The examiner can normally be reached on Monday-Thursday, 8:00AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian E. Glessner can be reached on (571)272-6847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BWH/

/Richard E. Chilcot, Jr./

Application/Control Number: 10/522,746
Art Unit: 3633

Page 11

Supervisory Patent Examiner, Art
Unit 3635

Bwh